

L Number	Hits	Search Text	DB	Time stamp
1	87	(mudweight or (mud and weight)) with (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/09 19:43
2	14	(mudweight or (mud and weight)) with (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore))) and (source or signal) and receiver and comput\$3 and formation	USPAT; US-PGPUB	2003/08/09 19:45
3	1	(estimate with (pore and pressure)) and (mudweight or (mud and weight)) with (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore))) and (source or signal) and receiver and comput\$3 and formation	USPAT; US-PGPUB	2003/08/09 19:47
4	2	(estimate with (pore and pressure)) and (mudweight or (mud and weight)) with (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/09 19:48
5	1	(estimate and (pore and pressure)) with (mudweight or (mud and weight)) and (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/09 19:50
6	54	(estimate and (pore and pressure)) and (mudweight or (mud and weight)) and (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/09 19:50
7	7	(estimate with (pore and pressure)) and (mudweight or (mud and weight)) and (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/09 19:50
8	7	(estimate with (pore and pressure) and mud) and (mudweight or (mud and weight)) and (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/09 19:54
9	35	"6220087" "4718048" "4873675"	USPAT; US-PGPUB	2003/08/09 19:58
10	3	("6220087" "4718048" "4873675") and (pore with pressure) and bha	USPAT; US-PGPUB	2003/08/09 19:58

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020159332 A1	20021031	11	Method for borehole measurement of formation properties	367/35
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6220087 B1	20010424	18	Method for determining equivalent static mud density during a connection using downhole pressure measurements	73/152.46

	<b>Current XRef</b>	<b>Retrieval Classif</b>	<b>Inventor</b>	<b>S</b>	<b>C</b>	<b>P</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	702/14		Thomann, Hans et al.	<input type="checkbox"/>						
2			Hache, Jean-Michel et al.	<input type="checkbox"/>						

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1	US 20020159332	<input type="checkbox"/>
2	US 6220087	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A1 20020159332	20021031	11	Method for borehole measurement of formation properties	367/35
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6325159 B1	20011204	74	Offshore drilling system	175/7
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6230824 B1	20010515	71	Rotating subsea diverter	175/214
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6220087 B1	20010424	18	Method for determining equivalent static mud density during a connection using downhole pressure measurements	73/152.46
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6102673 A	20000815	74	Subsea mud pump with reduced pulsation	417/392
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4845628 A	19890704	45	Method for optimization of drilling costs	702/9
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4794535 A	19881227	46	Method for determining economic drill bit utilization	702/9

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	702/14		Thomann, Hans et al.	<input type="checkbox"/>						
2	166/350; 166/359; 166/367; 175/213; 175/214; 175/217		Peterman, Charles P. et al.	<input type="checkbox"/>						
3	166/359; 166/367; 175/216		Peterman, Charles P. et al.	<input type="checkbox"/>						
4			Hache, Jean-Michel et al.	<input type="checkbox"/>						
5	137/596.17; 251/129.07; 251/282; 251/324; 417/390; 417/395; 417/521		Mott, deceased, Keith C. et al.	<input type="checkbox"/>						
6	73/152.44		Gray, Richard L. et al.	<input type="checkbox"/>						
7	73/152.44		Gray, Richard L. et al.	<input type="checkbox"/>						

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1	US 20020159332	<input type="checkbox"/>
2	US 6325159	<input type="checkbox"/>
3	US 6230824	<input type="checkbox"/>
4	US 6220087	<input type="checkbox"/>
5	US 6102673	<input type="checkbox"/>
6	US 4845628	<input type="checkbox"/>
7	US 4794535	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US A1 20030029640	20030213	9	Method for determining drilling fluid properties downhole during wellbore drilling	175/40
2	<input type="checkbox"/>	<input type="checkbox"/>	US A1 20020159332	20021031	11	Method for borehole measurement of formation properties	367/35
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6382332 B1	20020507	9	Drill bit apparatus for receiving seismic sound signals	175/50
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6378363 B1	20020430	12	Method for obtaining leak-off test and formation integrity test profiles from limited downhole pressure measurements	73/152.46
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6332507 B1	20011225	8	Seismic prospecting method and device in wells allowing guided waves filtering	181/102
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6305882 B1	20011023	13	Apparatus for placing auger type anchors	405/232
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6262941 B1	20010717	10	Method and device for seismic prospecting using a drilling tool acting in a well	367/82
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6234260 B1	20010522	13	Mobile drilling apparatus	175/113
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6220087 B1	20010424	18	Method for determining equivalent static mud density during a connection using downhole pressure measurements	73/152.46
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6181642 B1	20010130	11	Apparatus and method for borehole seismic exploration	367/25
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6094401 A	20000725	18	Inverse vertical seismic profiling using a measurement while drilling tool as a seismic source	367/84

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	166/250.01		Cooper, Iain	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
2	702/14		Thomann, Hans et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
3	367/57		Eaton, Michael Robert	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	166/250.07; 175/40; 702/6; 73/152.51; 73/152.54		Hache, Jean-Michel et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	367/25; 367/57		Naville, Charles et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	173/28; 175/171		Coast, John B. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	175/40; 181/102; 181/106; 340/853.3; 340/854.4; 367/81; 367/83; 702/6		Naville, Charles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	173/148; 173/184; 175/162; 175/171; 175/19; 405/199; 405/232		Coast, John B. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9			Hache, Jean-Michel et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
10	181/105; 367/35		Coates, Richard Timothy et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	181/106; 367/81; 367/83; 367/85		Masak, Peter C. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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1	US 20030029640	<input type="checkbox"/>
2	US 20020159332	<input type="checkbox"/>
3	US 6382332	<input type="checkbox"/>
4	US 6378363	<input type="checkbox"/>
5	US 6332507	<input type="checkbox"/>
6	US 6305882	<input type="checkbox"/>
7	US 6262941	<input type="checkbox"/>
8	US 6234260	<input type="checkbox"/>
9	US 6220087	<input type="checkbox"/>
10	US 6181642	<input type="checkbox"/>
11	US 6094401	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6023444 A	20000208	9	Method and device for the acquisition of signals while drilling	367/82
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5901113 A	19990504	19	Inverse vertical seismic profiling using a measurement while drilling tool as a seismic	367/57
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5811741 A	19980922	16	Apparatus for placing geophones beneath the surface of the earth	181/101
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5585556 A	19961217	5	Method and apparatus for performing measurements while drilling for oil and gas	73/152.03
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5511038 A	19960423	16	Process and device for detecting seismic signals in order to obtain vertical seismic profiles during bore drilling operations	367/40
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5438170 A	19950801	14	Borehole seismic pulse generator and system	181/106
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5377161 A	19941227	14	Method of determining travel time in drill string	367/82
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5372207 A	19941213	14	Seismic prospecting method and device using a drill bit working in a well	175/1
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US H001307 H	19940503	7	Method for continuity logging	367/57
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5191557 A	19930302	18	Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source	367/41
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5144591 A	19920901	15	Method for determining geometry of subsurface features while drilling	367/75
23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5109947 A	19920505	7	Distributed seismic energy source	181/106

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
12	367/40		Naville, Charles et al.	<input type="checkbox"/>						
13	367/41; 367/49; 367/56		Masak, Peter C. et al.	<input type="checkbox"/>						
14	102/313; 175/19; 175/21; 181/.5; 181/116; 367/191		Coast, John B. et al.	<input type="checkbox"/>						
15	166/250.16; 166/255.1; 367/40; 73/152.15; 73/152.47; 73/594; 73/606		Petersen, Steen A. et al.	<input type="checkbox"/>						
16	367/41; 367/57		Angeleri, Giampiero et al.	<input type="checkbox"/>						
17	181/113		Klaveness, Alf	<input type="checkbox"/>						
18	340/854.4		Meehan, Richard J.	<input type="checkbox"/>						
19	175/40		Naville, Charles et al.	<input type="checkbox"/>						
20	181/101		Krohn, Christine E.	<input type="checkbox"/>						
21	367/43; 367/57; 702/11; 702/17		Rector, James et al.	<input type="checkbox"/>						
22	175/40; 181/106; 367/31		Hardage, Bob A.	<input type="checkbox"/>						
23	181/104; 367/57		Rector, III, James W.	<input type="checkbox"/>						

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12	US 6023444	<input type="checkbox"/>
13	US 5901113	<input type="checkbox"/>
14	US 5811741	<input type="checkbox"/>
15	US 5585556	<input type="checkbox"/>
16	US 5511038	<input type="checkbox"/>
17	US 5438170	<input type="checkbox"/>
18	US 5377161	<input type="checkbox"/>
19	US 5372207	<input type="checkbox"/>
20	US H001307	<input type="checkbox"/>
21	US 5191557	<input type="checkbox"/>
22	US 5144591	<input type="checkbox"/>
23	US 5109947	<input type="checkbox"/>

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24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5050130 A	19910917	17	Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source	367/41
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5012453 A	19910430	14	Inverse vertical seismic profiling while drilling	367/57
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5005159 A	19910402	9	Continuity logging using differenced signal detection	367/57
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4982381 A	19910101	10	Method and device for acquiring and processing signals obtained in wells and particularly in horizontal wells	367/27
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4965774 A	19901023	10	Method and system for vertical seismic profiling by measuring drilling vibrations	367/75
29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4954998 A	19900904	13	Method for reducing noise in drill string signals	367/82
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4926391 A	19900515	18	Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source	367/41
31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4922362 A	19900501		Methods for deconvolution of unknown source signatures from unknown waveform data	367/46
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4873675 A	19891010		Method and apparatus for seismic exploration of strata surrounding a borehole	367/57
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4862423 A	19890829		System for reducing drill string multiples in field signals	367/25
34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4829489 A	19890509		Method of determining drill string velocity	367/82
35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4718048 A	19880105		Method of instantaneous acoustic logging within a wellbore	367/40

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
24	367/27; 367/45; 367/57; 702/11; 702/14		Rector, James et al.	<input type="checkbox"/>						
25	367/38; 367/40; 702/17; 702/18; 702/9		Katz, Lewis J.	<input type="checkbox"/>						
26	367/33		Krohn, Christine E.	<input type="checkbox"/>						
27	181/101; 367/48		Mari, Jean-Luc	<input type="checkbox"/>						
28	367/25; 367/40		Ng, Fred W. et al.	<input type="checkbox"/>						
29	340/853.1; 367/40; 367/49; 367/57		Rector, James W.	<input type="checkbox"/>						
30	367/25; 367/45; 367/57; 702/17; 702/9		Rector, James et al.	<input type="checkbox"/>						
31	367/38; 367/52; 367/57; 367/58		Miller, Douglas et al.	<input type="checkbox"/>						
32	181/106; 367/912		Barr, Jr., Frederick J. et al.	<input type="checkbox"/>						
33	175/40; 181/108; 367/38; 367/40		Rector, James W.	<input type="checkbox"/>						
34	367/191		Rector, James W.	<input type="checkbox"/>						
35	181/106; 367/41		Staron, Philippe et al.	<input type="checkbox"/>						

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24	US 5050130	<input type="checkbox"/>
25	US 5012453	<input type="checkbox"/>
26	US 5005159	<input type="checkbox"/>
27	US 4982381	<input type="checkbox"/>
28	US 4965774	<input type="checkbox"/>
29	US 4954998	<input type="checkbox"/>
30	US 4926391	<input type="checkbox"/>
31		<input type="checkbox"/>
32		<input type="checkbox"/>
33		<input type="checkbox"/>
34		<input type="checkbox"/>
35		<input type="checkbox"/>

	<b>U</b>	<b>1</b>	<b>Document ID</b>	<b>Issue Date</b>	<b>Pages</b>	<b>Title</b>	<b>Current OR</b>
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20020159332 A1	20021031	11	Method for borehole measurement of formation properties	367/35
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6378363 B1	20020430	12	Method for obtaining leak-off test and formation integrity test profiles from limited downhole pressure measurements	73/152.46
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6220087 B1	20010424	18	Method for determining equivalent static mud density during a connection using downhole pressure measurements	73/152.46

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	702/14		Thomann, Hans et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
2	166/250.07; 175/40; 702/6; 73/152.51; 73/152.54		Hache, Jean-Michel et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
3			Hache, Jean-Michel et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

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1	US 20020159332	<input type="checkbox"/>
2	US 6378363	<input type="checkbox"/>
3	US 6220087	<input type="checkbox"/>